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Notice of Allowability	Application No.	Applicant(s)	
	10/655,336	OH ET AL.	
	Examiner	Art Unit	
	Elias Desta	2857	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 9/19/2006.
2. ☒ The allowed claim(s) is/are 23, 24, 28 and 29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none">5. <input type="checkbox"/> Notice of Informal Patent Application6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>10/16/2006</u>.7. <input type="checkbox"/> Examiner's Amendment/Comment8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance9. <input type="checkbox"/> Other _____. |
|---|---|

Detailed Action

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 23: An adapter system to read and operate Smart Cards, said system comprising:

- an integrated controller comprising first logic sets for detecting and operating ~~said~~ [a] first expansion card, second logic sets for detecting and operating ~~said~~ [a] second expansion card, MUX logic enabled by said first and/or second logic sets to provide communication between said first and/or second expansion card and a bus controller logic using PCMCIA or CardBus PC card communication protocols; and
- an adapter dimensioned to mate with a PCMCIA type II/III socket, said adapter is further dimensioned to receive a Smart Card.

Authorization for this examiner's amendment was given in a telephone interview with Edmund P. Pfleger on October 16, 2006.

Response to amendment

2. Applicant's amendment, filed September 19, 2006, with respect to claims 23 and 29 have been fully considered. The rejection of claims 23, 24, 28 and 29 has been withdrawn. The examiner acknowledges the cancellation of claims 1-22 and 25-27.

Allowance

3. Claims 23, 24, 28 and 29 are allowed. The following is an examiner's statement of reasons for allowance:

In reference to claim 23: Potdevin et al. (U.S. Patent 5,679,007, hereon Potdevin) teaches a portable interface for one or more electronic smart cards. The interface is pluggable in a card reader, and includes a module that is designated to receive the card reader and having at one end pluggable means for making electrical connection with the card reader (see Potdevin, Fig. 4a and abstract).

Whereas, unlike Potdevin, the claimed invention is a system for reading a Smart Card with an integrated controller comprising a logic set for operating and detecting a first expansion card and logic set for operating and detecting a second expansion card. The MUX logic provides communication between the expansion cards and bus controller logic using PCMCIA or CardBus PC card

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communication protocols; and an adapter dimensioned to mate with a PCMCIA type II/III socket, the adapter is further dimensioned to receive a Smart Card.

Citation of pertinent prior art

➤ Bird (IEEE Article, 'Approaches to Electronic Miniaturization')

discloses elements that lead to effective miniaturization of components such as Smart Cards and PCMCIA Modems.

The remaining claims 24, 28 and 29 are dependent upon claim 23 and contain further limitations.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elias Desta whose telephone number is (571)-272-2214. The examiner can normally be reached on M-Th (8:30-7:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc S. Hoff can be reached on (571)-272-2216. The

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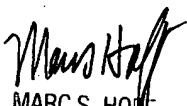
fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Elias Desta
Examiner
Art Unit 2857

- E.d

October 13, 2006


MARC S. HOFF
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800